



Mobil 1™ ESP x2 0W-20

Mobil Passenger Vehicle Lube , Jordan

ADVANCED FUEL ECONOMY, SHC SYNTHESIS TECHNOLOGY ENGINE OIL

Product Description

Mobil 1™ ESP x2 0W-20 is an advanced fully synthetic engine oil specifically designed to provide outstanding engine cleanliness, wear protection, strong durability and advanced fuel economy* to keep your engine running like new. Mobil 1™ ESP x2 0W-20 is our latest technology combining durability and protection with a low viscosity low friction engine oil that was designed in cooperation with key European Original Equipment Manufacturers (OEMs). Mobil 1™ ESP x2 0W-20 has been specifically engineered to help prolong the life and maintain the efficiency of emission systems in new emerging diesel and gasoline powered European vehicles that require 0W-20 viscosity grades.

* compared vs Mobil 1 ESP 5W-30.

Features and Benefits

| Features | Advantages and Potential Benefits |
|---|--|
| Active cleaning agents | Helps to prevent the buildup of harmful deposits to enable long and clean engine life** |
| | Provides outstanding engine cleanliness and sludge control |
| | **Compared to vehicle manufacturer standard |
| Outstanding thermal and oxidation stability | Helps to reduce oil aging allowing extended drain interval protection |
| Enhanced frictional properties | Provides up to 4% fuel economy improvement when changing from a higher viscosity 5W-30 engine oil*** |
| | ***Actual savings are dependent upon vehicle and engine type, outside temperature and barometric pressure, driving conditions and your current engine oil viscosity. |
| Excellent low temperature capabilities | Quick cold weather performance to help provide fast protection at start-up |
| Outstanding high temperature capabilities | Provides outstanding high temperature protection over the entire oil drain interval** |
| | **Compared to vehicle manufacturer standard |
| Wear protection | Provides outstanding wear protection over the full oil drain interval** |
| | **Compared to vehicle manufacturer standard |

Applications

Mobil 1 ESP x2 0W-20 is recommended for the new high-performance gasoline, diesel and hybrid engines found in emerging European vehicles that require SAE 0W-20 viscosity grades.

- Mobil 1 ESP x2 0W-20 can only be used in the vehicles for which it is approved. It is not backward compatible with older vehicle engines.
- Mobil 1 ESP x2 0W-20 is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

**** Always consult the owner's manual of the vehicle for the manufacturer's recommended viscosity grade and specifications

Specifications and Approvals

| This product has the following approvals: |
|---|
| GM dexosD Licensed |
| MB-Approval 229.71 |
| Porsche C20 |
| VW 508 00 |
| VW 509 00 |

| This product meets or exceeds the requirements of: |
|--|
| API SL |
| ACEA C5 |
| ACEA C6 |
| API SN Engine Test Requirements |
| API SP ENGINE TEST REQUIREMENTS |

Properties and Specifications

| Property | |
|---|-----------|
| Grade | SAE 0W-20 |
| Viscosity Index, ASTM D2270 | 180 |
| Density, 15.6C, g/cm3, ASTM D4052 | 0.842 |
| Kinematic Viscosity @ 100 C, mm2/s, ASTM D445 | 8.0 |
| Hi-Temp Hi-Shear Viscosity @ 150 C, mPa.s, ASTM D4683 | 2.6 |
| Ash, Sulfated, mass%, ASTM D874 | 0.8 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 230 |
| Pour Point, °C, ASTM D97 | -60 |

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.as>
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